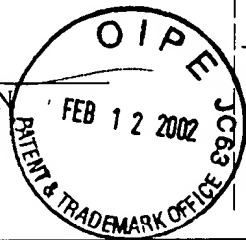


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Submitted by:

EDMUND P. ANDERSON  
Delphi Technologies, Inc.,

Reg. No. 34764

Atty. Docket No.  
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09/899320Applicant  
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ORIGINALLY FILEDFiling Date  
July 5, 2001Group  
3726

## U.S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
HA	4,025,675	05/24/1977	Jonda	428	36	12/11/1974
	5,131,970	07/21/1992	Potter et al	156	205	03/02/1990
	5,484,498	01/16/1996	Hogarth et al	156	189	11/18/1992
	5,662,293	09/02/1997	Hower et al	244	133	05/05/1995
HA	6,062,632	05/16/2000	Brachos et al	296	189	05/16/2000

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## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No
2323146	16.09.1998	GB	F16F	7/12	Yes

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

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## U.S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
	1,677,714	07/17/1928	Frease			12/29/1924
	4,600,619	07/15/1986	Chee et al	428	118	12/31/1984
	6,116,290	09/12/2000	Ohrn et al	138	149	03/16/1999
	6,227,252	05/08/2001	Logan	138	172	10/04/1999

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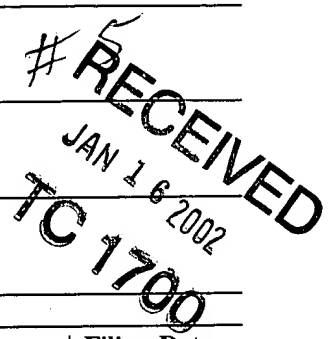
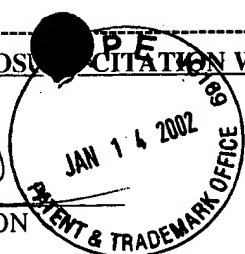
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SCA	4,185,472	01/29/1980	Yates et al	64	1 S	03/27/1978
	5,788,278	08/04/1998	Thomas et al	280	777	02/28/1997
	5,780,075	07/14/1998	Huvey	425	403	07/05/1996
	5,785,931	07/28/1998	Maus et al	422	180	12/06/1996
	5,755,826	05/26/1998	Beach et al	473	316	05/21/1996
	5,773,121	06/30/1998	Meteer et al	428	117	12/19/1996
	5,755,558	05/26/1998	Reinforced et al	416	230	08/31/1994
SCA	5,732,801	03/31/1998	Gertz	188	377	08/05/1996

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Name: Joshua M. Haines

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Exam. Init.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
	5,725,920	03/10/1998	Friedrich et al	428	34.7	05/06/1996
	5,718,212	02/17/1998	Allshouse et al	124	25.6	10/02/1995
	5,698,055	12/16/1997	Benkoczy	156	149	04/24/1996
	5,697,667	12/16/1997	Beaudet et al	296	189	07/15/1996
	5,669,718	09/23/197	Sakairi et al	384	220	12/20/1995
	5,655,975	08/12/1997	Nashif	473	316	11/02/1995
	5,652,039	07/29/1997	Tremain et al	428	121	10/25/1993
	5,678,454	10/21/1997	Cartwright et al	74	493	06/15/1995

**FOREIGN PATENT DOCUMENTS**

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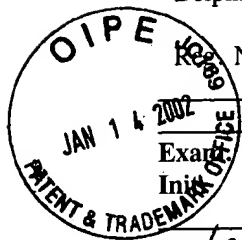
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## U.S. PATENT DOCUMENTS

Examination Initial	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
del	5,676,216	10/14/1997	Palma et al	180	90	12/05/1995
	5,645,668	07/08/1997	Lin et al	156	175	08/02/1995
	5,635,306	06/03/1997	Minamida et al	428	593	06/07/1995
	5,632,940	05/27/1997	Whatley	264	46.4	03/29/1994
	5,624,519	04/29/1997	Nelson et al	156	245	02/07/1994
	5,624,115	04/29/1997	Baum	473	567	08/25/1995
	5,601,892	02/11/1997	McIntosh	428	35.8	07/19/1995
del	5,600,912	02/11/1997	Smith	42	76.01	11/29/1995

## FOREIGN PATENT DOCUMENTS

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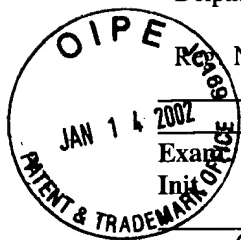
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<i>elc</i>	5,590,565	01/07/1997	Palfenier et al	74	493	02/08/1995
	5,569,508	10/29/1996	Cundiff	428	117	01/03/1995
	5,579,809	12/03/1996	Millward et al	138	174	12/02/1993
	5,567,499	10/22/1996	Cundiff et al	428	116	01/03/1995
	5,562,981	10/08/1996	Ehrlich	428	325	10/05/1994
	5,540,877	07/30/1996	Repetto et al	264	513	02/24/1994
	5,538,282	07/23/1996	White et al	280	779	10/03/1994
<i>elc</i>	5,537,789	07/23/1996	Minke et al	52	313	07/14/1994

## FOREIGN PATENT DOCUMENTS

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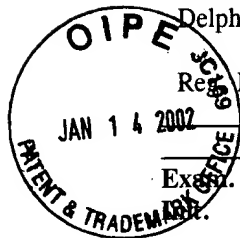
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## U.S. PATENT DOCUMENTS

Exemplar No.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
McL	5,507,477	04/16/1996	Manning et al	267	140.3	07/28/1994
	5,503,431	04/02/1996	Yamanoto	280	777	02/24/1995
	5,499,661	03/19/1996	Odru et al	138	124	05/11/1995
	5,447,765	09/05/1995	Crane	428	36.9	05/03/1994
	5,437,450	08/01/1995	Akatsuka et al	273	80 B	08/29/1994
	4,259,382	03/31/1981	Schwan	428	36	05/29/1979
	4,128,963	12/12/1978	Dano	264	46.6	11/25/1977
McL	4,171,626	10/23/1979	Yates et al	64	1 S	03/27/1978

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes   No

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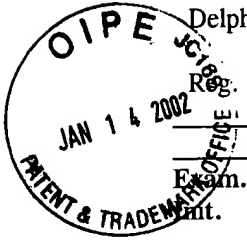
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## U.S. PATENT DOCUMENTS

Exam. Unit.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
skd	4,236,386	12/02/1980	Yates et al	64	1 S	05/29/1979
	4,238,539	12/09/1980	Yates et al	428	36	05/29/1979
	4,238,540	12/09/1980	Yates et al	428	36	05/29/1979
	4,248,062	02/03/1981	McLain et al	64	1 S	10/05/1979
	4,265,951	05/05/1981	Yates et al	428	36	07/24/1979
	4,279,275	07/21/1981	Stanwood et al	138	109	08/06/1979
	4,291,205	09/22/1981	Kamon et al	179	181 R	09/13/1979
U C M	4,325,174	04/20/1982	Smith et al	29	434	04/25/1980

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes   No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

*Richard L. [Signature]*

Date Considered

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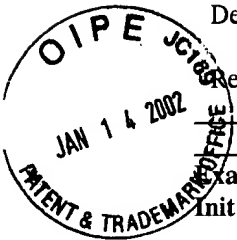


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## U.S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
<i>ecf</i>	4,358,284	11/09/1982	Federmann et al	464	181	11/03/1980
	4,380,443	04/19/1983	Federmann et al	464	181	06/09/1981
	4,385,952	05/31/1983	Futakuchi et al	156	174	08/27/1981
	4,421,497	12/20/1983	Federmann et al	464	181	11/03/1980
	4,531,619	07/30/1985	Eckels	188	371	09/24/1982
	4,540,385	09/10/1985	Krude	464	113	10/21/1983
	4,551,116	11/05/1985	Krude	464	97	05/25/1984
<i>McA</i>	4,556,400	12/03/1985	Krude et al	464	181	10/22/1984

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Examiner

*Michael [Signature]*

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	4,573,707	03/04/1986	Pabst	280	792	01/30/1984
	4,605,385	08/12/1986	Puck et al	464	181	12/24/1984
	4,663,819	05/12/1987	Traylor	29	432	11/04/1985
	4,664,644	05/12/1987	Kumata et al	464	180	10/28/1985
	4,681,556	05/21/1987	Palmer	464	181	03/08/1984
	4,706,364	11/17/1987	Aubry	29	458	01/24/1986
	5,975,766	11/02/1999	Cau	384	538	03/03/1998
	5,964,536	10/12/1999	Kinoshita	384	441	09/22/1997

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	5,961,245	10/05/1999	Garin et al	403	322.1	08/29/1997
	5,945,643	08/31/1999	Casser	181	290	06/16/1995
	5,938,274	08/17/1999	Ehrlich	296	191	11/14/1997
	5,914,163	06/22/1999	Browne	428	36.1	10/10/1997
	5,911,438	05/15/1999	Ansbaugh et al	280	777	03/09/1998
	5,900,194	05/04/1999	Ashton	264	39	12/27/1996
	5,899,037	05/04/1999	Josey	52	267	07/29/1997
	5,895,699	04/20/1999	Corbett et al	428	116	03/15/1996

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	5,894,045	04/13/1999	Desrondiers	428	178	11/12/1996
	5,888,642	03/30/1999	Meteer et al	428	313.5	02/13/1996
	5,876,654	03/02/1999	Blonigen et al	264	316	05/15/1997
	5,875,686	03/02/1999	Kinoshita et al	74	492	10/18/1996
	5,875,609	03/02/1999	Quinif	52	784.14	05/12/1997
	5,875,596	03/02/1999	Muller	52	239	05/30/1997
	5,865,864	02/02/1999	Bruck	55	482	08/20/1997
	5,851,336	12/22/1998	Cundiff et al	156	272.2	09/17/1996

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	5,848,767	12/15/1998	Cappa et al	244	158 R	08/05/1996
	5,840,347	11/24/1998	Muramatsu et al	425	393	10/24/1997
	5,834,082	11/10/1998	Day	428	56	12/30/1996
	5,820,835	10/13/1998	Sheller et al	422	180	09/30/1996
	5,817,203	10/06/1998	Moser	156	155	10/13/1995
	5,795,536	08/18/1998	Gaworowski et al	264	571	02/09/1996
	5,795,524	08/18/1998	Basso et al	264	221	03/28/1997

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes   No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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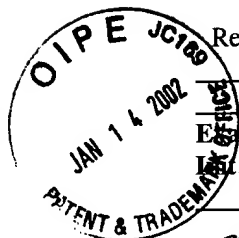
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## U.S. PATENT DOCUMENTS

Exam. No.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
4,722,717	02/02/1998	Salsman et al	464	181	03/31/1986	
4,742,899	05/10/1988	Thornton	188	377	05/13/1985	
4,773,891	09/27/1988	Hoffmann	464	181	03/16/1987	
4,803,108	02/07/1989	Leuchten et al	428	118	05/01/1987	
4,838,833	06/13/1989	Coursin	464	181	08/15/1986	
4,859,517	08/22/1989	Hull	428	116	03/16/1987	
4,885,865	12/12/1989	Rumbaugh	43	18.5	07/31/1986	
4,892,433	01/09/1990	Schreiber	403	359	07/12/1988	

## FOREIGN PATENT DOCUMENTS

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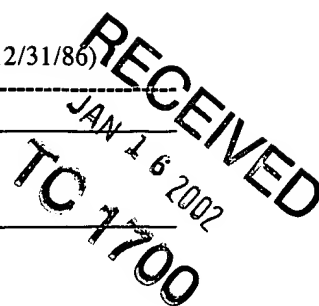
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	4,946,721	08/07/1990	Kindervater et al	428	36.1	12/28/1988
	4,952,195	08/28/1990	Traylor	464	181	01/20/1987
	4,968,545	11/06/1990	Fellman et al	428	36.1	11/02/1987
	5,006,391	04/09/1991	Biersach	428	116	10/23/1989
	5,043,217	08/27/1991	Peters et al	428	397	11/15/1989
	5,061,533	10/29/1991	Gomi et al	428	36.3	10/04/1989
	5,062,914	11/05/1991	Fuchs et al	156	172	12/28/1989
	5,085,467	02/04/1992	Converse	280	777	12/19/1990

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	5,102,723	04/07/1992	Pepin	428	223	11/13/1989
	5,127,975	07/07/1992	Zackrisson et al	156	171	08/25/1989
	5,139,281	08/18/1992	Dzioba	280	775	03/11/1991
	5,140,913	08/25/1992	Takeichi et al	105	397	06/27/1990
	5,192,384	03/09/1993	Barrier et al	156	189	05/30/1991
	5,192,623	03/09/1993	Gewelber	428	593	07/16/1992
	5,195,779	03/23/1993	Aoyama et al	280	784	04/19/1991
	5,225,016	07/06/1993	Sarh	156	156	08/02/1991

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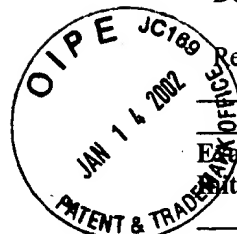
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## U.S. PATENT DOCUMENTS

Exam. Inv.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
✓	5,239,888	08/31/1993	Sevault et al	74	492	03/02/1992
✓	5,250,132	10/05/1993	Lapp et al	156	173	12/02/1991
✓	5,261,991	11/16/1993	Zackrisson et al	156	294	05/27/1992
✓	5,306,371	04/26/1994	Ramey	156	171	02/26/1992
✓	5,309,620	05/10/194	Shinohars	29	432	04/29/1992
✓	5,320,579	06/14/1994	Hoffmann	464	181	08/05/1992
✓	5,332,606	07/26/1994	Pearce	428	36.3	10/18/1993
✓	5,342,465	08/30/1994	Bronowicki et al	156	175	09/28/1992

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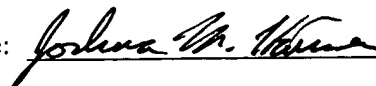
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## U.S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
	5,344,038	09/06/1994	Freeman et al	220	453	11/01/1993
	5,348,052	09/20/1994	Crane et al	138	174	09/30/1993
	5,363,717	11/15/1994	Eichholz et al	74	493	02/19/1993
	5,370,417	12/06/1994	Kelman et al	280	751	04/18/1994
	5,397,272	03/14/1995	Smilery et al	464	181	02/08/1993
	5,419,416	05/30/1995	Miyashita et al	188	371	05/20/1993
	5,423,722	06/13/1995	Beauch et al	464	151	05/27/1993
	5,436,080	07/25/1995	Inoue et al	428	546	09/10/1992

## FOREIGN PATENT DOCUMENTS

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## U.S. PATENT DOCUMENTS

Exam. Info	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
	4,013,810	03/22/1977	Long	428	308	08/22/1975
	4,135,019	01/16/1979	Kourtides et al	428	117	03/16/1977
	4,178,713	12/18/1979	Higuchi	43	18 GF	10/17/1977
	4,212,693	07/15/1980	Saito et al	156	173	01/30/1978
	3,622,437	11/23/1971	Hobaica et al	161	168	05/09/1969
	3,989,562	11/02/1976	Hladik et al	156	79	03/10/1975
	4,355,061	10/19/1982	Zeigler	428	36	08/13/1981
	4,861,649	08/29/1989	Browne	428	240	11/02/1987

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## U.S. PATENT DOCUMENTS

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<input checked="" type="checkbox"/>	5,156,977	11/24/1992	Dynes et al	428	40	08/02/1990
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<input checked="" type="checkbox"/>	5,688,571	11/18/1997	Quigley et al	428	36.1	02/05/1996
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<input checked="" type="checkbox"/>	5,313,987	05/24/1994	Rober et al	138	137	04/16/1993
<input checked="" type="checkbox"/>	5,449,024	09/12/1995	Rober et al	138	137	12/03/1993
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<input checked="" type="checkbox"/>	5,934,338	10/10/1999	Perstnev et al	138	149	05/13/1997

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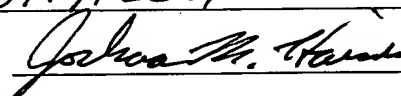
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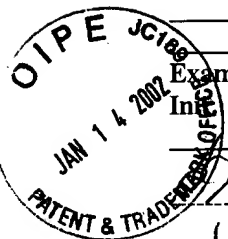
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<i>Not</i>	5,571,207	11/05/1996	Houser	623	27	09/16/1994
	5,660,901	08/26/1997	Wong	428	35.7	12/08/1994
	5,944,060	08/31/1999	MacKay	138	140	12/26/1995
	5,944,124	08/31/1999	Pomerleau et al	175	320	11/07/1997
	Re. 35,081	11/07/1995	Quigley	428	36.2	06/14/1990
	Re. 36,240	06/29/1999	Minke et al	52	313	07/14/1994
	3,553,978	01/12/1971	Williams	64	1	06/07/1967
<i>Not</i>	3,592,884	07/13/1971	Williams	264	45	06/07/1967

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	3,638,455	02/01/1972	Francois	64	23	07/08/1970
	3,651,661	03/28/1972	Darrow	64	<del>23</del> 1	02/02/1970
	4,089,190	05/16/1978	Worgan et al	64	1 S	04/14/1976
	5,302,428	04/12/1994	Steele et al	428	34.9	09/29/1992
	4,161,231	07/17/1979	Wilkinson	181	292	11/29/1977
	3,332,446	07/25/1967	Mann	138	114	05/15/1964
	2,423,870	07/15/1947	Blessing	154	129	03/26/1941
	1,930,285	10/10/1933	Robinson	113	116	05/27/1929

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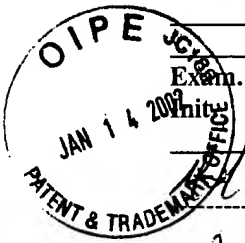
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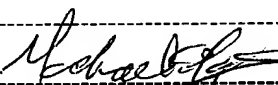
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Exam. Init.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
	3,489,052	01/13/1970	D. B. Colyer et al	84	422	10/31/1967
	5,087,491	02/11/1992	Barrett	428	34.5	02/09/1990
	5,256,969	10/26/1993	Miyajima et al	324	322	12/03/1990
	5,261,616	11/16/1993	Crane et al	242	7.22	02/19/1992
	5,690,035	11/25/1997	Hatayama et al	105	452	11/05/1996

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